

Date: Thursday, 1/17/2008 3:31:56 PM  
User: Kim Johnston

# Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : STIFFENER
Job Number : 36851	
Estimate Number : 10481	
P.O. Number :	Part Number : D2353
This Issue : 1/17/2008 S.O. No. :	Drawing Number : D2353 REV.C
Prsht Rev. : NC	Project Number : N/A
First Issue : / / Type : SMALL /MED FAB	Drawing Revision : C
Previous Run : 31920	Material :
Written By :	Due Date : 2/10/2008 Qty: 10 Um: Each
Checked & Approved By : <u>JA 08 01 18</u>	
Comment : Est Rev: A Removed from 9 Digit 05-11-10 EC	
Est: B 06.11.15 waterjet EC	
est: c 06.12.07 ecn 836 ec	

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	M2024T3S050	2024-T3 .050 sheet
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2.

Comment: Qty.: 0.1536 sf(s)/Unit Total : 1.5362 sf(s)  
Material: 2024-T3 .050 sheet  
Aluminum (QQ-A-250/5)  
Batch: 105646 LB 8-1-21

2.0	WATER JET	FLOW WATER JET
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Comment: FLOW WATER JET  
1-Cut as per Dwg D2353  
Dwg Rev: C  
Prog Rev: C

LB 8-1-21

(12)

2-Deburr if necessary LB 8-1-21

3.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
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LB 8-1-21

Comment: INSPECT PARTS AS THEY COME OFF MACHINE

4.0	QC8	SECOND CHECK
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Comment: SECOND CHECK

08/01/22

(12)

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☒ No ☐ DQA: D Date: 08/02/04  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 1/17/2008 3:31:56 PM

User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: STIFFENER

Job Number: 36851

Part Number: D2353

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

BRAKE NC

NC BRAKE



Comment: NC BRAKE

Bend per Dwg D2353

SB 08/01/29

(12)

6.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

5 08/01/29 (12)

7.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Chemical Conversion Coat as per QSI 005 4.1

Job 8-1-30 (12)

8.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

Powder Coat Black Sandtex (Ref: 4.3.5.7) as per QSI 005 4.3

JL 08-01-31

9.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

M 08/01/31 (12x)

10.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

\*\*\*\*\*Identify BAG with fine point permanent marker and Stock\*\*\*\*\*

Location: ST 185

AS 08/02/01

11.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

D 08/02/04 (12)

Job Completion



mi 2008/2/04

WJ

(12)

W/O:

## WORK ORDER CHANGES

DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:

## WORK ORDER NON-CONFORMANCE (NCR)

DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

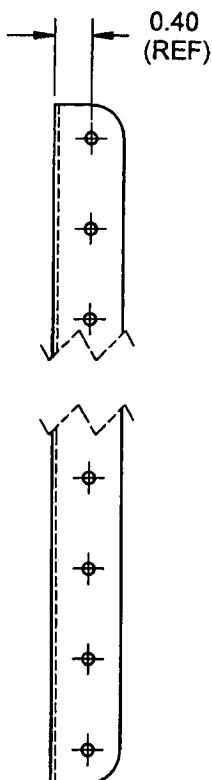
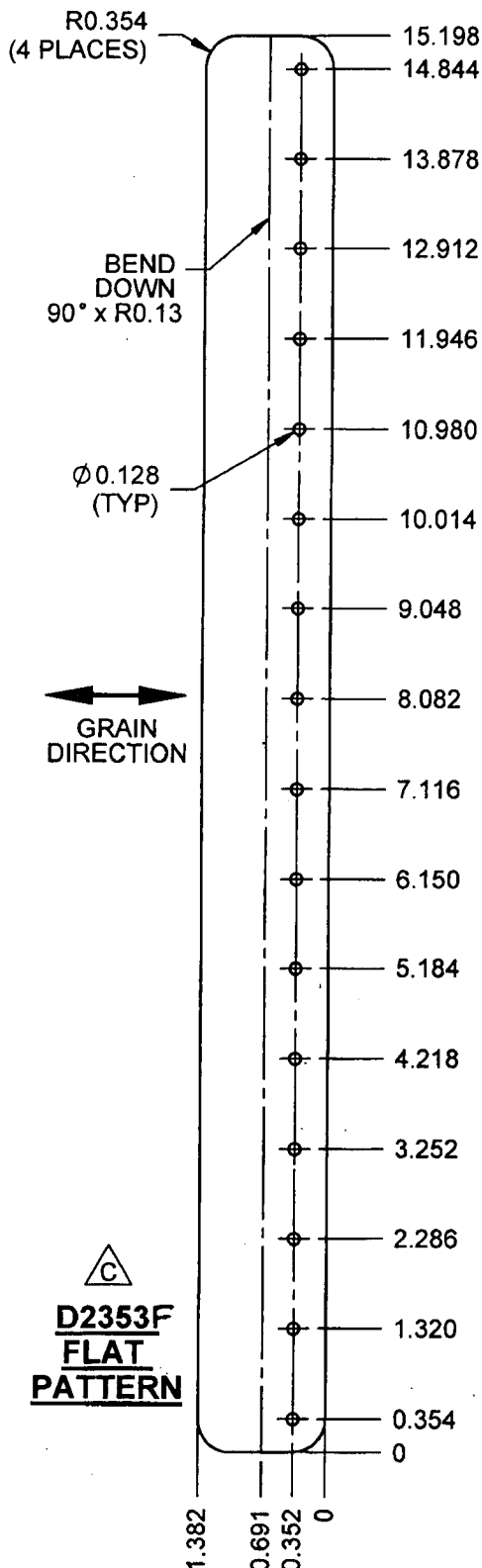
NOTE: Date &amp; initial all entries



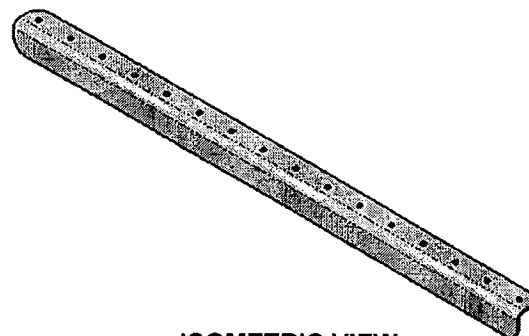


**DART**

DESIGN BW	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED LE	APPROVED [Signature]	DRAWING NO. D2353	REV. C SHEET 1 OF 1
DATE 06.11.13	TITLE STIFFENER	SCALE 1:2	
REV	DATE	DESCRIPTION	
B	95.02.23	ADD TEXT	
C	06.11.13	ADD FLAT PATTERN; ADD NOTES; UPDATE DWG	



**D2353  
BEND DETAIL**



**ISOMETRIC VIEW  
SCALE 1:4**

**NOTES:**

- 1) MATERIAL: ALUMINUM 2024-T3 SHEET, 0.050 THICK  
PER QQ-A-250/4 OR AMS 4037  
(REF DART SPEC M2024T4S.050)
- 2) FINISH: CHEMICAL CONVERSION COAT  
PER DART QSI 005 4.1  
POWDER COAT BLACK SANDEX (4.3.5.7)  
PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) IDENTIFY WITH DART P/N "D2353" USING A WHITE FINE POINT PERMANENT INK MARKER
- 5) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010 MAX

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE

WORK ORDER

NO. 36851  
RELEASED

06.11.28 [Signature]

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